Welcome

Yannis Tzitzikas
Computer Science Department, University of Crete, GREECE & Information Systems Laboratory (ISL), FORTH-ICS
Welcome!
The Foundation for Research and Technology-Hellas (FORTH), established in 1983, is one of the largest research centers in Greece with well organized facilities, highly qualified personnel and a reputation as a top-level research foundation worldwide.

The Top-rated research center in Greece according to the 2014 evaluation
### European Research Ranking 2015 - Country: **Greece**

<table>
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<th>Orgtype:</th>
<th>Criterium:</th>
<th>Country:</th>
<th>Year:</th>
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<tbody>
<tr>
<td><strong>ALL</strong></td>
<td>Overall Score</td>
<td>Greece</td>
<td>2015</td>
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</table>

#### Overall Score:

1. **FOUNDATION FOR RESEARCH AND TECHNOLOGY HELLAS**
   - Score: 33.49

2. **ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS**
   - Score: 26.5

3. **ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON**
   - Score: 24.05

4. **INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS**
   - Score: 22.73

5. **"NATIONAL CENTER FOR SCIENTIFIC RESEARCH "DEMOKRITOS""**
   - Score: 21.27
### FORTH's logo

#### The Phaistos Disc (side A)

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
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<tbody>
<tr>
<td>Material</td>
<td>Clay</td>
</tr>
<tr>
<td>Created</td>
<td>2nd millennium BC</td>
</tr>
<tr>
<td>Discovered</td>
<td>July 3, 1908 at Phaistos, Crete, by Luigi Pernier</td>
</tr>
<tr>
<td>Present</td>
<td>Heraklion Archaeological Museum,</td>
</tr>
<tr>
<td>location</td>
<td>Crete, Greece</td>
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Yannis Tzitzikas, EUDAT summer school, 3-7 July 2017, FORTH-ICS
FORTH’s institutes

6 Research Institutes in different parts of the country:

- **In Heraklion**
  - Institute of **Computer Science (ICS)**
  - Institute of **Electronic Structure and Laser (IESL)**
  - Institute of **Molecular Biology and Biotechnology (IMBB)**
  - Institute of **Applied and Computational Mathematics (IACM)**

- **In Rethymnon**
  - Institute for **Mediterranean Studies (IMS)**

- **In Patras**
  - The Institute of **Chemical Engineering Sciences (ICE-HT)**

- **In Ioannina**
  - Division of **Biomedical Research of the Institute of Molecular Biology and Biotechnology (IMBB)**
The Institute of Computer Science has had a relatively long history and recognized tradition, since its establishment in 1983, in conducting basic and applied research, developing applications and products, providing services, and playing a leading role in Greece and internationally, in the fields of Information and Communication Technologies.

- The Top-rated computer science institute in Greece according to the 2014 evaluation
Labs of FORTH-ICS

- FORTH-ICS has 9 labs

ICS R&D Divisions

Research Laboratories

- Computer Architecture and VLSI Systems (CARV)
- Distributed Computing Systems (DCS)
- Telecommunications and Networks (TNL)
- FORTHcert
- Information Systems (ISL)
- Centre for Cultural Informatics (CCI)
- Human - Computer Interaction (HCI)
- Centre for Universal Access and Assistive Technologies (CUA-AT)
- Centre for Interaction in Ambient Intelligence Environments (CIAIE)
- Signal Processing Laboratory (SPL)
- Computational Vision and Robotics (CVRL)
- Computational Medicine (CML)
- Center for eHealth Applications and Services
- Bio-Informatics (BIL)
Founded in 1986

Research themes:
- Semantic Data Management
- Knowledge Systems
- Service-Oriented Computing
- Information Retrieval and Analysis

Core application themes:
- Cultural Informatics
- Ambient Intelligence
- Digital Preservation
ISL Personnel

Professors
- Dimitris Plexousakis, Professor (Head of Lab)
- Yannis Tzitzikas, Associate professor

Researchers
- Anastasia Analyti, Principal Researcher
- Martin Doerr, Research Director
- Giorgos Flouris, Assistant Researcher
- Irini Fundulaki, Principal Researcher

R&D Engineers
- Around 15

Undergraduate, graduate, doctoral and post-doctoral students
- Around 25
Publications (approx)
- 200 Journals
- 520 Conferences
- 40 Books (books, chapters, editorships)
- 160 MSc Theses
- 14 PhD Theses

Citations
- Around 14000 (Publish Or Perish)

Funding
- European/National Projects
  - 92 projects
  - Funding: 14.9 million Euros (approx.)
- Services
  - 42 service contracts
  - Funding: 1.8 million Euros (approx.)
Ongoing EU projects of ISL

- BlueBRIDGE
- PARTHENOS
- VRE4EIC
- HOBBIT
- CloudSocket
- ITN-DCH

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Acknowledgements

- We would to thank Sara Garavelli for her invitation to host this summer school here at FORTH and for all her hard work to organize it.

- I would like to thank Yannis Marketakis and Maria Moutsaki who made all local (FORTH) arrangements for hosting this school here.
Enjoy it!

“Study without desire spoils the memory, and it retains nothing that it takes in.” Leonardo da Vinci